

Please type a plus sign (+) inside this box



02.28.02

PTO/SB/05 (11-00)

Approved through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

02/25/02

# UTILITY PATENT APPLICATION TRANSMITTAL

Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)

Attorney Docket No. 014058-008591US

First Inventor

Reed, Steven G.

Title

COMPOUNDS AND METHODS FOR IMMUNOTHERAPY AND  
DIAGNOSIS OF TUBERCULOSIS

Express Mail Label No.

EL 951611709

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning design patent application contents.

1. X Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. X Specification [Total Pages 284]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. X Drawing(s) (35 U.S.C.113) [Total Sheets 19]
5. Oath or Declaration [Total Pages 3]
  - a. ☐ Newly executed (original or copy)
  - b. X Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. X Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. X paper number of pages 206 (pages 71-276 of parent appl.)
  - c. X Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. X Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. X Preliminary Amendment
14. X Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. X Other: Revocation and Subs. Power of Atty.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

X Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 09/072,967, filed 05/05/1998

Prior application information: Examiner R. Swartz

Group Art Unit: 1645

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

20350

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Annette S. Parent

Registration No. (Attorney/Agent)

42,058

Signature

Annette S Parent

Date

02/25/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**FEE TRANSMITTAL  
for FY 2001**Patent fees are subject to annual revision.  
Exp. Mail EL 951611709

Complete if Known

**TOTAL AMOUNT OF PAYMENT** (\$) 740

Attorney Docket No. 014058-008591US

**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17
- 
- ☐
- Applicant claims small entity status.
- 
- See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money  
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

**SUBTOTAL (1)**

(\$)740

**2. EXTRA CLAIM FEES**

Total Claims	14	-20**	=	0	X	Fee from below \$18	=	Fee Paid \$0
Independent Claims	1	-3**	=	0	X	\$84	=	\$0
Multiple Dependent					X		=	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)**

(\$)0

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$)

**SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)

Annette S. Parent

Registration No. (Attorney/Agent)

42,058

Telephone

415-576-0200

Signature

*Annette S. Parent*

Date

02/25/02

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

202220" 24242007

Please type a plus sign (+) inside the box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

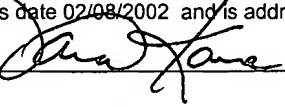
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>		
	<b>Filing Date</b>	02/25/2002	
	<b>First Named Inventor</b>	Reed, Steven G.	
	<b>Group Art Unit</b>		
	<b>Examiner Name</b>		
<b>Total Number of Pages in This Submission</b>	320	<b>Attorney Docket Number</b>	014058-008591US

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (2 copies with fee auth. to Dep. Acct. 20-1430.) <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) (19 sheets formals) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Return Postcard; Util. Pat. App. Trans. SB/05; copy Util. Pat. App. as originally filed in parent 09/072,967; Letter to Official Draftsperson attaching 19 sheets of formal drawings; Dec. of May 5, 1998 re computer readable seq. listing in parent appl.; Communication re Computer Readable Seq. Listing in parent 09/072,967; sequence listing pages 71-276 included within copy of parent case 09/072,967; copy of executed Combined Declaration and Power of Attorney as of record in parent case 09/072,967; Applic. Data Sheet.
<b>Remarks</b>		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
<b>Firm and Individual name</b>	Townsend and Townsend and Crew LLP Annette S. Parent Reg. No. 42,058
<b>Signature</b>	
<b>Date</b>	02/25/2002

CERTIFICATE OF MAILING	
Express Mail Label: EL 951611709 US	
I hereby certify that this correspondence is being deposited with the United States Postal Service with "Express Mail Post Office to Address" service under 37 CFR 1.10 on this date 02/25/2002 and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231	
Typed Name: Dana Kane	Signature:  Date: 02/25/02
SF 1315986 v1	

"Express Mail" Label No. 611709  
Date of Deposit February 25, 2002

PATENT  
Attorney Docket No.: 014058-008591US

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Address" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Assistant Commissioner for Patents  
Washington, D.C. 20231

By: 

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Reed *et al.*

Application No.: Not yet assigned

Filed: Herewith

For: COMPOUNDS AND METHODS  
FOR IMMUNOTHERAPY AND  
DIAGNOSIS OF TUBERCULOSIS

Examiner: Not yet assigned

Art Unit: Not yet assigned

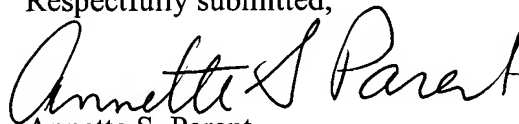
LETTER TO OFFICIAL DRAFTSPERSON

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached to be made of record in this application are nineteen (19) sheets of formal drawings, as submitted on August 23, 2001 in parent case Serial No. 09/072,967.

Respectfully submitted,

  
Annette S. Parent  
Reg. No. 42,058

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
Tel: (415) 576-0200  
Fax: (415) 576-0300  
SF 1315507 v1

10084843 022502  
20090220 142800T